(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 31 March 2005 (31.03.2005)

PCT

(10) International Publication Number WO 2005/029834 A2

(51) International Patent Classification7:

H04N

(21) International Application Number:

PCT/IL2004/000868

(22) International Filing Date:

20 September 2004 (20.09.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

158026

21 September 2003 (21.09.2003) Π

158025

21 September 2003 (21.09.2003)

- (71) Applicant (for all designated States except US): SERVI-SION LTD. [IL/IL]; 11 Hartom St., Har Hozvim, P.O.B. 45205, 91450 Jerusalem (IL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): KRAVTSOV, Dmitry [IL/IL]; Elkali 28a, 75329 Rishon Letzion (IL). TAHAN, Gidon [IL/IL]; 20 Klonimus Street, Ramat Shlomo, Jerusalem (IL).
- (74) Agents: SINAI, Henry et al.; 4 Hameyasdim St., 43350 Ra'anana (IL).

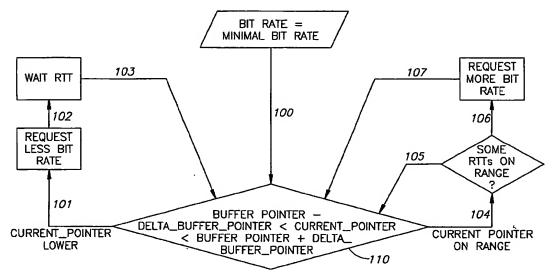
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM; DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A METHOD FOR GENERATING HIGH QUALITY, LOW DELAY VIDEO STREAMING



(57) Abstract: A method for generating low delay video streaming is provided. In an embodiment, the bit rate desired for outputting the received video stream is input into a buffer, determining the size of the buffer according to the bit rate, outputting the video frame according to the bit rate and the buffer size by varying the bit rate accordingly to obtain the level of quality and delay period required. Additionally, a header may be assigned to each frame and the sleep time for each frame is allocated prior to the time for frame compression.